Imaging Engine 18.1.1

What’s New
Imaging Engine 18.1.1 What’s New - Overview

- Updated System Requirements
- New APPE 5.3
- Improved Image Resampling
- Improved ink selection over public parameters
- Correction Curves in task: support for curve strategies (icpro)
- Updated info in XMP
- Improved use of Print Control Wizard ‘Crystal Screens’
- DotSpy is End-Of-Life
Imaging Engine 18.1.1 – updated system requirements

- Cores per worker
  - minimal 4 logical cores per worker + 4 logical cores for the OS
- RAM per worker
  - minimum 8 GB for the OS + 8 GB RAM per worker
- Minimum recommended clock speed
  - Minimum 2GHz
  - Recommended 3 GHz
- Hard disk
  - 100gb per worker for storage of temporary data is advised
  - SSD hard disk
Imaging Engine 18.1.1 – new APPE version 5.3

- Imaging Engine comes with a new version of the Adobe kernel, APPE 5.3
  - Which includes various features and fixes
Improved Image Resampling
What is Image Resampling?

Image resampling is the highest quality output from Imaging Engine

Learn more in this Knowledge Base article
Image Resampling Improvements

- Better quality
  - Soft masks are now being resampled
- Diskspace
  - No ‘out of memory’ issues
  - Use the latest system requirements
- In general processing times are faster
  - This is job dependent
  - Previous Imaging Engine versions would increase processing times if Full Resampling was selected

Use the Dot Clean Up function to remove these non-printable dots to produce the perfect LEN file for printing
Correction Curves
Correction Curves

- It is now possible to select a strategy (an icpro curve)
- When using a Curve Strategy as Correction Curves, ‘Range Correction’ is disabled
  - This avoids a conflict between information from Curve Pilot and from the IE ticket
XMP Improvements

- Correction curves are added in XMP
  - ‘Combined DGC’ is now calculated: shows all curves that are applied in the correct order (according to the settings)
- No difference between FlexRip XMP and IE XMP behaviour
Ink Selection: Public Parameters
Improved ink selection over public parameters

- Previous versions had conflicts between public parameters and the Imaging Engine ticket
- Now, with 18.1.1,
  - By default every unique job ink is listed and selected
  - All screening parameters will be taken from the ticket
  - Shuttle, screening parameters display a ticket icon
    - Click the icon to overrule a screening parameter
Improved Flexibility using Print Control Wizard Crystal Screens
Imaging Engine 18.1.1 – change when using Printing Conditions

Dot and Ruling are defined by the Printing Condition

Screening from file is respected

Learn more in this KB article.
DotSpy: End Of Life announcement

- DotSpy is a 32bit application, the new iOS Catalina will only support 64-bit applications
- Advanced communication has been provided to every DotSpy customer, in various formats
- Find all relevant information in this Knowledge Base article

Dear Mr. Brown

In an earlier mail, we informed you that Esko DotSpy will not be compatible with Apple OS Catalina.

As a maintenance contract customer, you will be able to update your Esko configuration with a Bitmap Viewer license at no cost. Please contact us via dotspy@esko.com to facilitate the migration.

Note that Bitmap Viewer runs on Windows only.

If you have any questions or queries then feel free to contact dotspy@esko.com!
Find here a list of Frequently Asked Questions.

Kind regards,

Esko

KB259425776: DotSpy End Of Life: Frequently Asked Questions

Dear Sir/Madam,

The upcoming release of Apple OS Catalina will only support 64-bit applications. As DotSpy is a 32-bit application, it will not be compatible with OS Catalina. All customers are advised to upgrade their applications to this new software version.

Answer:

As a maintenance contract customer, you will be able to update your Esko configuration with a Bitmap Viewer license at no cost. Please contact us via dotspy@esko.com to facilitate the migration.

The Bitmap Viewer software is part of the imaging engine install. Bitmap Viewer runs on Windows only.

Q: What is Bitmap Viewer?

Answer:

Bitmap Viewer is a powerful quality control tool that digitizes verifies R/Fpect data for content and printability before output.

We hope that this information has been helpful. Should you have any further questions, please do not hesitate to contact us.

Kind regards,

Esko

To the KB Article